

0070770

Meeting Minute Approval Sheet

**222-S Project Managers Meeting & Misc. Lab Issues
(TSD: TS-2-1)**

2440 Stevens Center, Room 1600

May 11, 2006 and

June 8, 2006

9:30 – 10:15 p.m.

RECEIVED
SEP 25 2006
EDMC

DOE: AS Steven
Andrew Stevens

8-10-06
Date

ECOLOGY: John Robert
Deborah Singleton

8-10-6
Date

MEETING MINUTES

222-S Project Manager's Meeting and Miscellaneous Lab Issues (TSD:TS-2-1)

Meetings held on: 5/11/06 and 6/08/06

Page 1 of 2

Meeting Attendees:

See attached list of attendees.

Approval of Previous Meeting Minutes:

These meeting minutes cover the Project Managers' Meetings held on May 11 and June 8, 2006. There were no meetings held in April or July.

Action Items:

There are no open Action Items.

222-S Laboratory TSD, RCRA Permit, or Miscellaneous Issues:

The 222S Part B application is under development.

222-S Laboratory Operations:

Both the Operations Report and Analytical Report were presented. Reports for both meetings are attached.

Next Meeting:

August 9, 2006

2440 Stevens, room 1600

9:30 – 10:00 a.m.

222-S Project Managers Meeting & Misc. Lab Issues (TSD: TS-2-1)

Attachment 1
List of Attendees
Agenda
222-S Lab Operations Report
Action Items

222-S Project Managers Meeting & Misc. Lab Issues
2440 Stevens, Room 1200
May 11, 2006
9:30 – 10:15 a.m.

Agenda

1. Introductions
2. Approval of Previous Meeting Minutes
3. Status of Action Items
4. 222-S TSD
5. 222-S Permit Issues
6. 222-S Laboratory
 - 6.1. Operational and Analytical Report
7. Misc. Issues
8. Review of New Action Items

222-S Laboratory

2440 Stevens, room 1200

May 11, 2006

9:30- 10:15 a.m.

ATTENDEES

[illegible]

222-S Project Managers Meeting & Misc. Lab Issues

2440 Stevens, Room 1200

May 11, 2006

9:30 – 10:15 a.m.

Agenda

1. Introductions
2. Approval of Previous Meeting Minutes
3. Status of Action Items
4. 222-S TSD
5. 222-S Permit Issues
6. 222-S Laboratory
 - 6.1. Operational and Analytical Report
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MONTHLY ANALYTICAL REPORT

222-S Laboratory

May 2006

- The report for the ICAT (Integrated Contractor Audit Team) audit of the Advanced Technologies and Laboratories International, Inc. (ATL) 222-S Laboratory program against the requirements of the Hanford Analytical Services Quality Assurance Requirements Documents (HASQARD) was received by ATL on September 26. The response, including corrective action plans for the four findings and 8 observations was sent to Fluor Hanford (FH) on October 26. ATL has also established implementation procedures and practices for the areas identified in the program as non-implemented. On January 16, FH accepted the corrective actions for the findings, however, requested additional information on the four non-implemented areas. This information was provided via an implementation plan, as requested. **Update :** On 3/3/2006, ATL was advised by FH that they still consider several of the non-implemented areas as open. For example, although root cause analysis for significant issues is in ATL procedures and ATL has trained staff to perform this work, no significant issues have been identified during the contract period to date so a root cause analysis has not been completed. ATL is working with FH to identify a path forward.
- DOE assessed the ATL Quality Assurance and the Employee Concerns Programs in April. No issues were identified during the ECP assessment. Two findings and two observations were identified during the QA assessment. ATL is waiting for the final reports for both assessments. Corrective actions are in the planning stage for QA, and will be finalized when the report is received.
- A new autotitrator for hydroxide analysis has been requested by ATL and ordered by CH2M HILL. This instrument will replace an aging system.

MONTHLY STATUS REPORT
222-S Laboratory
OPERATIONS AND TECHNOLOGY DEVELOPMENT
April – May 2006

- CH2M HILL submitted its application to the American Industrial Hygiene Association (AIHA) for accreditation to perform Industrial Hygiene analyses of metals, anions, and thermal desorption tubes for organic vapors. The application is under active review. The pre-accreditation audit is expected by end of the Fiscal Year with accreditation anticipated by the end of the Calendar Year. This accreditation will be used by CH2M HILL to support the Tank Farm Vapor initiative.
- Complete the purchase of a microwave digestion apparatus to replace a previously procured unit that failed NRTL testing.
- Planning has begun on the 1F hot cell drain line repair. The Davis-Bacon review determined the activity to be "plant forces." Field work is expected to commence the last quarter of FY06.
- Installation of the bleed valves on P-1 pump in May. The P-1 pump is located on the 219-S Tank System, tank 102 and pumps the content of the tank to SY-101. The P-1 pump repair is a prerequisite for the laboratory waste tank transfer to SY-101, which is on schedule for June 2006.
- Work continues to respond to Ecology comments on the 222S Part B application. The application is scheduled to enter a joint CH2M HILL and ORP review on May 15. The certified application is due to Ecology by July 31; however extensive comments have placed the schedule in jeopardy.
- 222S Main Stack. Work continues with PNNL to design the scale model of the 222S main stack. The PNNL proposal for validating monitoring equipment and flow conditions was discussed with the Department of Health in April. DOH had no objections to using a model of the 222S Main Stack to perform the test.
- Maintenance is scheduled to restore 296-S-21 stack monitoring alarm capabilities to Room #3B in 222S. Restoration of the alarm is consistent with the NESHAPS major stack designation.
- Waste shipment of the 219-S Tank System, tank 102 contents to SY-101 is on schedule for a June 2006 transfer. Preliminary analysis of the laboratory waste tank, TK-102 contents indicates the waste meets Tank Farm DST acceptance criteria.
- The 207-SL basin and ancillary RBW storage tanks have been emptied using the 200 TEDF transfer line (118,000 gallons transferred).
- A small vial of non-radioactive PCB standard was determined to have exceeded the 9 month accumulation period for TSCA waste and was in danger of exceeding the 1 year time period for destruction (i.e., incineration). A letter requesting a one time extension was provided to EPA 30 days in advance of the 1 year deadline, as required by regulation. EPA has indicated that the extension will be granted.
- The following waste shipments occurred during this reporting period:
 - Low Level: 1 container
 - PCB Waste: 1 container
 - Mixed Waste: 0 containers
 - Hazardous Waste: 15 containers
 - Recycle: 3 containers

222-S Project Managers Meeting & Misc. Lab Issues

2440 Stevens, Room 1305A

June 8, 2006

9:30 – 10:15 a.m.

Agenda

1. Introductions
2. Approval of Previous Meeting Minutes
3. Status of Action Items
4. 222-S TSD
5. 222-S Permit Issues
6. 222-S Laboratory
 - 6.1. Operational and Analytical Report
7. Misc. Issues
8. Review of New Action Items

222-S Laboratory
Project Managers' Meeting
2440 Stevens, room 1305A
June 8, 2006
9:30– 10:15 a.m.

ATTENDEES

[illegible]

MONTHLY STATUS REPORT
222-S Laboratory
OPERATIONS AND TECHNOLOGY DEVELOPMENT
June 2006

- Installation of the bleed valves on 219-S, P-1 pump is complete. The P-1 pump repair is a prerequisite for the laboratory waste tank transfer to SY-101 now scheduled for June 24, 2006. The transducer failed the receipt QC inspections so a replacement is being expedited and will be installed prior to the transfer of waste from Tank 102 to the DST system.
- Transfer of waste from Tank 102 to the DST system is on schedule for a June transfer. The data package is under review by engineering and ORP. The waste transfer is expected to occur in mid to late June.
- After reviewing the results of the Hot Cell line leak test, Ecology concurred with the 222S plan for returning the 1A, 1E-1, 1E-2 drain lines to service because no leak was indicated in this portion of the drain line. The test showed the leak was in the drain line near the 1F Hot Cell. Ecology also concurred with the conditional use of the 1F Hot Cell (with drain line plug in place and the use of secondary containment). This concurrence clears the way to perform waste load out and Hot Cell decontamination in preparation of the 1F Hot Cell Drain Line replacement later this summer.
- Vent and Balance successfully completed S-21 on-stack testing on Friday, June 2. This was a significant accomplishment due to the inclement weather conditions. CH2M HILL provided the resulting data to PNNL on Monday, June 5 for their review and incorporation into the report. The data collected is needed for PNNL modeling studies of the 296-S-21 stack.
- 222S received T Plant waste during this reporting period. The waste was the result of treatability studies performed at SRTC in the mid-1990's. There will be four drums whose contents will be transferred to the 219-S Tank System via the sink in Hood 16, room 2B, and one drum that will be accepted into the DMWSA with subsequent treatment at an off site TSD. This waste poses significant issues due to dose rate. 222S is also planning for receipt of similar waste in hedgehogs later this summer. This waste is some of the last waste containers on site from the SRTC treatability studies.
- There were no waste shipments from 222S during this reporting period.

MONTHLY ANALYTICAL REPORT

222-S Laboratory

May 2006

- The report for the ICAT (Integrated Contractor Audit Team) audit of the Advanced Technologies and Laboratories International, Inc. (ATL) 222-S Laboratory program against the requirements of the Hanford Analytical Services Quality Assurance Requirements Documents (HASQARD) was received by ATL on September 26. The response, including corrective action plans for the four findings and eight observations, was sent to Fluor Hanford (FH) on October 26. ATL has also established implementation procedures and practices for the areas identified in the program as non-implemented. On January 16, FH accepted the corrective actions for the findings; however, additional information on the four non-implemented areas was requested. This information was provided via an implementation plan, as requested. **Update:** ATL has provided additional supplemental information to FH to support closure of the non-implemented items.
- DOE assessed the ATL Quality Assurance and the Employee Concerns Programs in April. No issues were identified during the ECP assessment. Two findings and two observations were identified during the QA assessment. ATL is waiting for the final reports for both assessments. Corrective actions are in the planning stage for QA and will be finalized when the report is received. **Update:** ATL is still waiting for the final reports; however, corrective actions are being pursued to the extent possible.
- A new autotitrator for hydroxide analysis was requested by ATL and ordered by CH2M HILL. This instrument will replace an aging system. **Update:** The new system was received; however, despite numerous discussions with the supplier regarding the issue, the system does not meet NRTL requirements. CH2M HILL procurement is working the issue.

CORRESPONDENCE DISTRIBUTION COVERSHEET

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L. E. Borneman, 373-2821

Addressee
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Correspondence No.
CH2M-0602269
August 30, 2006

Subject: 222-S PROJECT MANAGERS' MEETING AND MISCELLANEOUS LAB ISSUES
(TSD: TS-2-1), April-July 2006

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		P. C. Miller	R1-51	X
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		222-S Regulatory File	T6-03	X
		LEB File/LB		
		<u>U.S. Department of Energy</u>		
		<u>Office of River Protection</u>		
		R. W. Russell	H6-60	X
		A. J. Stevens	H6-60	X
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